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No	Patent No	Title	Relevance
<input type="checkbox"/> 1.	<u>US 5943624</u> granted patent	Contactless smartcard for use in cellular telephone	5520
<input type="checkbox"/> 2.	<u>EP 1050027 B1</u> granted patent	METHODS AND APPARATUS FOR A TRAVEL-RELATED MULTI-FUNCTION SMARTCARD	4409
<input type="checkbox"/> 3.	<u>EP 840251 B1</u> granted patent	Smartcard and method of making	4163

<input type="checkbox"/>	4. <u>WO 1999/038129 A1</u>	METHODS AND APPARATUS FOR A TRAVEL-RELATED MULTI-FUNCTION SMARTCARD	4079
	patent application		
<input type="checkbox"/>	5. <u>US 2005/35200</u>	Secure smartcard sleeve	3400
	patent application		
<input type="checkbox"/>	6. <u>US 2006/16874</u>	SYSTEM FOR REGISTERING A BIOMETRIC FOR USE WITH A SMARTCARD	3318
	patent application		
<input type="checkbox"/>	7. <u>US 2006/16875</u>	METHOD FOR REGISTERING A BIOMETRIC FOR USE WITH A SMARTCARD	3313
	patent application		
<input type="checkbox"/>	8. <u>US 2006/894</u>	METHOD AND SYSTEM FOR FINGERPRINT BIOMETRICS ON A SMARTCARD	3312
	patent application		
<input type="checkbox"/>	9. <u>US 2006/891</u>	SYSTEM FOR BIOMETRIC SECURITY USING A SMARTCARD	3310
	patent application		
<input type="checkbox"/>	10. <u>US 2006/898</u>	METHOD AND SYSTEM FOR VASCULAR PATTERN RECOGNITION BIOMETRICS ON A SMARTCARD	3304
	patent application		

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No	Patent No	Title	Relevance
<input type="checkbox"/> 1.	US 2005/246253 patent application	System to enable a telecom operator provide financial transactions services and methods for implementing such transactions	3851
<input type="checkbox"/> 2.	WO 1988/006811 A1 patent application	PHASE LOCKED MODE LASER GENERATOR	3461
<input type="checkbox"/> 3.	WO 2003/005848 A1	BUCKLE CLOSURE SYSTEM	2433

patent application		
<input type="checkbox"/>	4. <u>WO 2001/079136 A1</u> REFRACTORY MATERIAL PRECURSOR PASTE	2248
patent application		
<input type="checkbox"/>	5. <u>WO 1996/031842 A1</u> DATA COLLECTION SYSTEM FOR CARD READERS	2067
patent application		
<input type="checkbox"/>	6. <u>WO 2003/094491 A1</u> SYSTEM TO ENABLE A TELECOM OPERATOR PROVIDE FINANCIAL TRANSACTIONS SERVICES AND METHODS FOR IMPLEMENTING SUCH TRANSACTIONS	2039
patent application		
<input type="checkbox"/>	7. <u>EP 1272438 B1</u> REFRACTORY MATERIAL PRECURSOR PASTE	1902
granted patent		
<input type="checkbox"/>	8. <u>US 2004/12111</u> Refractory material precursor paste	1733
patent application		
<input type="checkbox"/>	9. <u>US 2004/12111</u> Refractory material precursor paste	1733
patent application		
<input type="checkbox"/>	10. <u>EP 819283 B1</u> DATA COLLECTION SYSTEM FOR CARD READERS	1559
granted patent		

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No	Patent No	Title	Relevance
<input type="checkbox"/> 1.	<u>US 2007/131759</u> patent application	SMARTCARD AND MAGNETIC STRIPE EMULATOR WITH BIOMETRIC AUTHENTICATION	2878
<input type="checkbox"/> 2.	<u>WO 2004/023709 A1</u> patent application	METHOD OF DIGITAL CERTIFICATE (DC) COMPOSITION, ISSUANCE AND MANAGEMENT PROVIDING MULTITIER DC DISTRIBUTION MODEL AND MULTIPLE ACCOUNTS ACCESS BASED ON THE USE OF DC AND PUBLIC	1371

KEY INFRASTRUCTURE (PKI)

<input type="checkbox"/>	3. <u>EP 912959 B1</u> granted patent	TOKENLESS IDENTIFICATION SYSTEM	1164
<input type="checkbox"/>	4. <u>WO 1998/009227 A6</u> patent application	TOKENLESS BIOMETRIC TRANSACTION AUTHORIZATION METHOD AND SYSTEM	911
<input type="checkbox"/>	5. <u>WO 1998/009227 A1</u> patent application	TOKENLESS BIOMETRIC TRANSACTION AUTHORIZATION METHOD AND SYSTEM	911
<input type="checkbox"/>	6. <u>AU 2003/230133 A1</u> patent application	METHOD OF DIGITAL CERTIFICATE (DC) COMPOSITION, ISSUANCE AND MANAGEMENT PROVIDING MULTITIER DC DISTRIBUTION MODEL AND MULTIPLE ACCOUNTS ACCESS BASED ON THE USE OF DC AND PUBLIC KEY INFRASTRUCTURE (PKI)	819
<input type="checkbox"/>	7. <u>US 5870723</u> granted patent	Tokenless biometric transaction authorization method and system	758
<input type="checkbox"/>	8. <u>WO 1998/004996 A1</u> patent application	TOKENLESS BIOMETRIC TRANSACTION AUTHORIZATION SYSTEM	740
<input type="checkbox"/>	9. <u>US 5838812</u> granted patent	Tokenless biometric transaction authorization system	651
<input type="checkbox"/>	10. <u>WO 1996/036934 A1</u> patent application	TOKENLESS IDENTIFICATION SYSTEM FOR AUTHORIZATION OF ELECTRONIC TRANSACTIONS AND ELECTRONIC TRANSMISSIONS	634

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credit) and (credit

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Inventors/Applicants

UM, Ki-Mun [KR/KR], 2nd
Floor, CH Bldg., 747-16,
Yeoksam-Dong, Kangnam-
Gu, 135-080 Seoul (KR)

Title

SYSTEM AND METHOD FOR CREDIT CARD PAYMENT USING BARCODE AND MOBILE
PHONE DEVICE

[Claims \[note\]](#)

[\[show all claims\]](#)

Filing Date

What is claimed is:

2001-11-20

Publication Date

2003-03-20

Publication Journal Date

2003-03-20

Agents

CHO, Heum-O, et al, HO &
CHO International Patent &
Law Office, 4th Floor, Deok-
won Bldg., 637-19
Yeoksam-Dong, Kangnam-
Gu, 135-080 Seoul (KR)

1. A system for credit card payment using barcode and mobile phone device comprising : a mobile phone device storing a barcode data required for a credit card payment (in it), and including a display part for display of said barcode data thereon; a barcode reader device reading the barcode displayed on the display part of said mobile phone device; and a credit card validation device, being connected to said barcode reader device, fetching the credit card payment information data from the barcode which is read by said barcode reader device, transmits said information to a credit card VAN server, and then, receives a credit card payment authentication signal from said credit card VAN server.
2. The system for credit card payment using barcode and mobile phone device as set forth in Claim 1, wherein said barcode is a two-dimensional barcode extended in both horizontal and vertical axis by a predetermined width.
3. The system for credit card payment using barcode and mobile phone device as set forth ...

Application Number

KR0101981

more...

Priority Data

KR 2001-55746 (2001-09-11)

Abstract

This invention relates to a system and method for credit card payment using barcode and mobile device. This invention discloses a credit card payment system and method which comprises displaying barcode which includes credit card payment information on the display part of user's mobile phone device; reading such a barcode with a barcode-reader device; and acquiring the credit card payment information and payment acknowledgement.

IPC

G06F_17/60

States

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV
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INPADOC Family & Legal Status Data

Patent family for WO 03023674A1

Family members

				Priority claims
#	Publication date	Publication number	Country	
1	2001-10-18	KR 20010090081A	Korea	x
2	2003-03-20	WO 03023674A1*	World	x

Priority applications

#	Application date	Application number	Country
1	2001-09-11	KR 20010055746A	Korea

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1. KR 20010090081A : SYSTEM AND METHOD FOR CREDIT CARD SETTLEMENT USING BAR CODE AND MOBILE COMMUNICATION TERMINAL

Summary

Title SYSTEM AND METHOD FOR CREDIT CARD SETTLEMENT USING BAR CODE AND MOBILE COMMUNICATION TERMINAL

Application number KR 20010055746A

Publication number KR 20010090081A

Application date 2001-09-11

Publication date 2001-10-18

Country Korea

Applicant(s) UM KI MUN (KR)

Inventor(s) UM KI MUN (KR)

Priorities

Application number **Application date**

KR 20010055746A 2001-09-11

Classifications

EPC G06Q20/00K2B; G06Q20/00K5; G07F7/08C6; G07G1/00C2

IPC G06F17/60

CI G06Q20/00; G07F7/08; G07G1/00

AI G06Q20/00; G07F7/08; G07G1/00

Abstract

PURPOSE: A system and method for credit card settlement is provided to perform a settlement without a credit card using a conventional credit card inquiry element by displaying a bar code with credit card information on a display unit of the mobile communication terminal, with the bar code using a bar code reader to read information necessary for the settlement of the credit card, and receiving a settlement approval through the credit card inquiry element. **CONSTITUTION:** A wireless mobile communication terminal(10) stores bar code data for indicating information desired for the settlement of the credit card, and has a display unit for displaying the bar code data. A bar code reader(20) reads a bar code displayed on the display unit of the wireless mobile communication terminal(10).

A credit card inquiry element(30) is connected with the bar code reader(20), and extracts credit card settlement information from the bar code to transmit extracted credit card settlement information to a credit card company VAN server(40), and receives a credit card approval signal.

2. WO 03023674A1* : SYSTEM AND METHOD FOR CREDIT CARD PAYMENT USING BARCODE AND MOBILE PHONE DEVICE

Summary

Title	SYSTEM AND METHOD FOR CREDIT CARD PAYMENT USING BARCODE AND MOBILE PHONE DEVICE
Other title	SYSTEME ET PROCEDE DE PAIEMENT PAR CARTE DE CREDIT UTILISANT UN CO BARRES ET UN DISPOSITIF DE TELEPHONIE PORTABLE
Application number	PCT/KR 0101981
Publication number	WO 03023674A1
Application date	2001-11-20
Publication date	2003-03-20
Country	World
Applicant(s)	UM KI-MUN (KR)
Inventor(s)	UM KI-MUN (KR)

Priorities

Application number	Application date
KR 20010055746A	2001-09-11

Classifications

EPC G06Q20/00K2B; G06Q20/00K5; G07F7/08C6; G07G1/00C2
 IPC G06F17/60
 CI G06Q20/00; G07F7/08; G07G1/00
 AI G06Q20/00; G07F7/08; G07G1/00

Abstract

This invention relates to a system and method for credit card payment using barcode and mobile device. This invention discloses a credit card payment system and method which comprises displaying barcode which includes credit card payment information on the display part of user's mobile phone device; reading such a barcode with a barcode-reader device; and acquiring the credit card payment information and payment acknowledgement.

Legal events

Gazette DATE	Document number	Legal code	Description
2003-03-20	WO 0101981W	AK	+DESIGNATED STATES Kind Code of Ref Document +DESIGNATED STATES Designated State(s) AE AG A

			AM AT AU AZ BA BB BG BY BZ CA CH CN CO CR CU DE DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN JP KE KG KP KZ LK LR LS LT LU LV MA MD MG MK M MX MZ NO NZ PH PL PT RO RU SE SG SI SK SL TJ TM TT TZ UA US UZ VN YU ZA
2003-03-20	WO 0101981W	AL	+DESIGNATED COUNTRIES FOR REGIONAL PATENT: Kind Code of Ref Document A1 +DESIGNATED COUNTRIES FOR REGIONAL PATENT: Designated State(s) GH GM KE LS MW MZ SD SL SZ I ZM ZW AM AZ BY KG KZ RU TJ TM AT BE CH CY DE FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GQ ML MR NE SN TD TG
2003-05-14	WO 0101981W	121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EI WAS DESIGNATED IN THIS APPLICATION
2004-09-08	WO 0101981W	32PN	-EP: PUBLIC NOTIFICATION UNDER RULE 80 EPC, NOTIFIED IN THE EP BULLETIN Free Format Text COMMUNICATION UNDER RULE 69 EPC (EPO FORM 1205A DATED 28.06.2004)
2005-03-02	WO 0101981W	122	-EP: PCT APP. NOT ENT. EUROP. PHASE
2006-01-17	WO 0101981W	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: Ref Country Code JP

Claims

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Description

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